

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\
 Data File : VX017801.D
 Acq On : 06 Aug 2020 12:14
 Operator : JC/SP
 Sample : VX0806WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 4:32:35 PM

Quant Time: Aug 06 15:37:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	410440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	622859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	542498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	284865	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
35) Dibromofluoromethane	5.47	113	223351	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
50) Toluene-d8	8.70	98	736665	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.12	95	313216	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	60485	15.175	ug/l	99
3) Chloromethane	1.32	50	80402	16.098	ug/l	100
4) Vinyl Chloride	1.39	62	82563	15.985	ug/l	97
5) Bromomethane	1.63	94	61392	20.306	ug/l	100
6) Chloroethane	1.71	64	51118	17.451	ug/l	100
7) Trichlorofluoromethane	1.92	101	142331	17.520	ug/l	100
8) Diethyl Ether	2.17	74	52811	19.213	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	77287	17.336	ug/l	98
10) Methyl Iodide	2.49	142	94625	16.591	ug/l	97
11) Tert butyl alcohol	3.03	59	123532	111.172	ug/l	100
12) 1,1-Dichloroethene	2.36	96	72328	17.061	ug/l	98
13) Acrolein	2.28	56	67530	82.427	ug/l	100
14) Allyl chloride	2.71	41	142965	18.468	ug/l	98
15) Acrylonitrile	3.12	53	266685	111.118	ug/l	98
16) Acetone	2.42	43	247183	106.521	ug/l	94
17) Carbon Disulfide	2.54	76	196598	15.257	ug/l #	95
18) Methyl Acetate	2.75	43	127346	23.301	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	293050	19.971	ug/l	97
20) Methylene Chloride	2.83	84	95062	21.007	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	84538	18.614	ug/l	99
22) Diisopropyl ether	3.83	45	293917	20.765	ug/l	99
23) Vinyl Acetate	3.79	43	1315077	104.204	ug/l	100
24) 1,1-Dichloroethane	3.67	63	161984	19.867	ug/l	99
25) 2-Butanone	4.64	43	387835	117.649	ug/l	99
26) 2,2-Dichloropropane	4.55	77	142125	19.473	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	97438	19.753	ug/l	98
28) Bromochloromethane	4.98	49	67066	18.151	ug/l	99
29) Tetrahydrofuran	5.10	42	236747	115.941	ug/l	99
30) Chloroform	5.18	83	170645	20.483	ug/l	95
31) Cyclohexane	5.54	56	120612	18.550	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	157947	20.105	ug/l	99
36) 1,1-Dichloropropene	5.77	75	114931	19.239	ug/l	98
37) Ethyl Acetate	4.80	43	143588	21.968	ug/l	98
38) Carbon Tetrachloride	5.75	117	141576	19.516	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	127132	18.230	ug/l	97
40) Benzene	6.11	78	344326	20.105	ug/l	94
41) Methacrylonitrile	5.01	41	80359	21.449	ug/l	98
42) 1,2-Dichloroethane	6.16	62	142360	20.318	ug/l	96
43) Isopropyl Acetate	6.42	43	231202	21.439	ug/l	98
44) Trichloroethene	7.19	130	100769	20.133	ug/l	95
45) 1,2-Dichloropropane	7.49	63	91187	19.206	ug/l	98
46) Dibromomethane	7.63	93	66773	19.901	ug/l	97
47) Bromodichloromethane	7.88	83	139671	20.688	ug/l	98
48) Methyl methacrylate	7.74	41	112873	21.115	ug/l	100
49) 1,4-Dioxane	7.72	88	46767	456.306	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	711398	110.558	ug/l	100
52) Toluene	8.76	92	209418	19.066	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	144185	19.078	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	154108	19.992	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	90334	19.743	ug/l	98
56) Ethyl methacrylate	9.16	69	130005	18.859	ug/l	98
57) 1,3-Dichloropropane	9.35	76	139631	18.533	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	340548	93.770	ug/l	100
59) 2-Hexanone	9.48	43	540920	111.655	ug/l	99
60) Dibromochloromethane	9.57	129	108250	18.614	ug/l	97
61) 1,2-Dibromoethane	9.65	107	96062	19.720	ug/l	100
64) Tetrachloroethene	9.32	164	97404	20.005	ug/l	96
65) Chlorobenzene	10.12	112	254681	21.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	100185	21.140	ug/l	98
67) Ethyl Benzene	10.24	91	385809	19.683	ug/l	98
68) m/p-Xylenes	10.34	106	295125	38.865	ug/l	96
69) o-Xylene	10.68	106	137483	18.825	ug/l	95
70) Styrene	10.70	104	241623	19.445	ug/l	99
71) Bromoform	10.84	173	88439	21.540	ug/l #	99
73) Isopropylbenzene	11.00	105	384047	16.473	ug/l	100
74) N-amyl acetate	10.88	43	173428	16.742	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	130965	17.997	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	126094m	18.037	ug/l	
77) Bromobenzene	11.24	156	109481	16.774	ug/l	98
78) n-propylbenzene	11.34	91	442315	16.821	ug/l	99
79) 2-Chlorotoluene	11.40	91	273416	16.786	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	334072	16.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	48255	17.393	ug/l	97
82) 4-Chlorotoluene	11.49	91	324009	16.863	ug/l	99
83) tert-Butylbenzene	11.76	119	322129	16.912	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	337344	17.039	ug/l	99
85) sec-Butylbenzene	11.93	105	427195	19.253	ug/l	99
86) p-Isopropyltoluene	12.05	119	402151	19.032	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	219041	19.543	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	214407	18.468	ug/l	96
89) n-Butylbenzene	12.37	91	344759	18.311	ug/l	98
90) Hexachloroethane	12.58	117	76156	18.281	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	209922	19.056	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37664	19.935	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	127209	16.920	ug/l	99
94) Hexachlorobutadiene	13.77	225	56464	16.316	ug/l	98
95) Naphthalene	13.82	128	395678	17.630	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	126489	17.039	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

